

DEVCONF.cZ

RLBot

Custom open source AI for Rocket League

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What is Rocket League?

- A game
- Big environment with two goals
- Game Ball
- Boosts
- Cars with Rocket Engine
- Bad bots



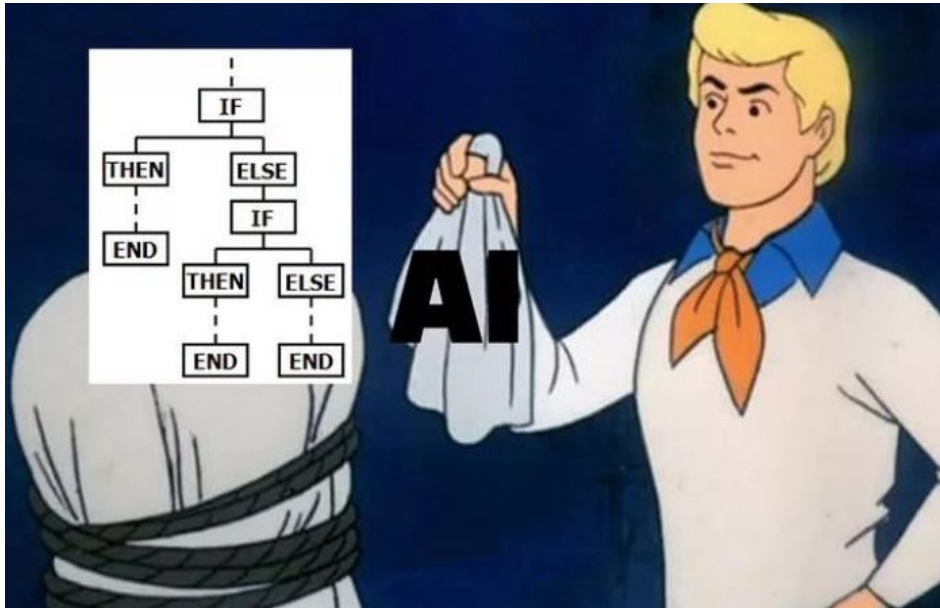
What is RLBot?

- Framework
- Community
- NOT Bad bots

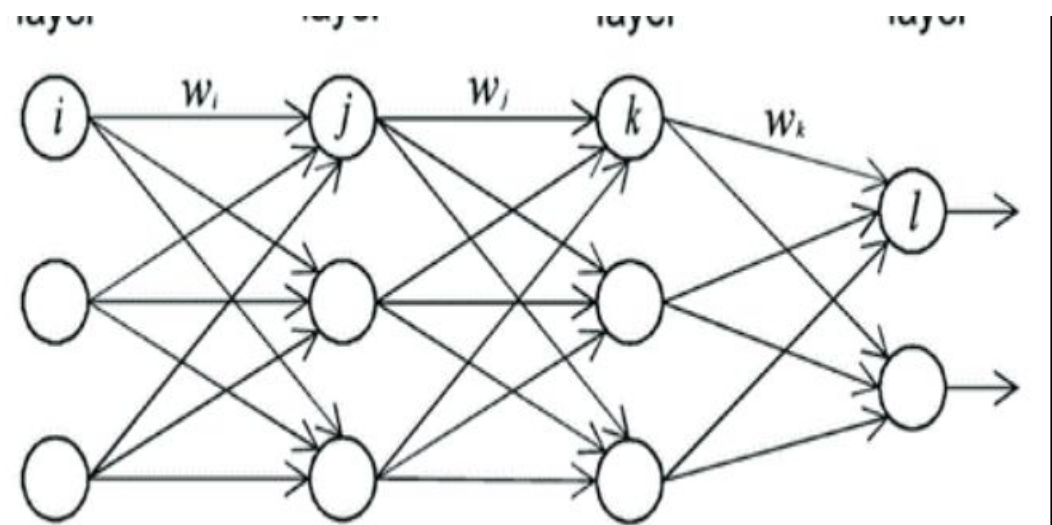


Different types of bots

Hardcoded



Machine learning



Hardcoded Bots

- Usually use RLBot Framework only
- Math
- If/Else checks everywhere
- States
- More Math

Machine Learning Bots

- RLGym for training
- Reward functions
- GPU power
- RocketSim
- Currently the “best” bot is Seer by UltrawideGC

Whats next?

- RLBot Framework v5
- More tournaments
- RLGym v2 is right around the corner



Links

- [RLBot](#)
- [RLGym](#)
- [Math Notes](#)
- [Newest Seer Playing 2v2 Against Pro Players](#)
- [RLBot Championship 2024](#)
- [RLBot GitHub](#)
- [RLGym GitHub](#)

The Q and maybe A.